**Laravel Fyp Class**

1. **Laravel setup**

* Xampp
* Composer

1. **Project Setup**

Create project: **composer create-project laravel/laravel --prefer-dist Fypclass**

**Laravel Framework (MCV)**

M - Model: take request from the cotroller and handle the database.

C – Controller: take the request given from the user and give the response back.

V – View: User interface (UI)

Database: Where we store data.

Route: Specific Path (unique path)

Middleware: Check condition before opening any route or function.

Migration: Make and manage database table.

1. **Run project:**

**php artisan serve**

**path – view**

1. **Use assets:**

**{{ asset(‘frontend/style.css’) }}**

1. **Laravel Blade Template**
2. **View Through Controller:**

Make controller: php artisan make:controller FrontendController

Route: Route::get('/', [App\Http\Controllers\FrontendController::class, 'home']);

1. **Make Authentication in laravel**

First we need to install ui packages from composer: composer require laravel/ui

We need to use ui:auth: php artisan ui:auth

We need to migrate tables (users, password resets etc,): php artisan migrate

1. Route Grouping:

Group the route with the same property or contain path

1. **Create Model, Controller & migration (resources)**

We need to create category model for our job portal: php artisan make:model Category –mcr

(Note: -mcr => Migration Controller & Resource)

Resource = which contain all needed function like (index, show, create, store, edit, update, destroy))

**Step 1:** Manage migration table

**Step 2:** Add fillable properties to model

**Step 3:** Make Resource Route

**(Routes:**

admin/category ..................................................................... category.index › CategoryController@index

admin/category ..................................................................... category.store › CategoryController@store

admin/category/create ............................................................ category.create › CategoryController@create

admin/category/{category} ............................................................ category.show › CategoryController@show

admin/category/{category} ........................................................ category.update › CategoryController@update

admin/category/{category} ...................................................... category.destroy › CategoryController@destroy

admin/category/{category}/edit ....................................................... category.edit › CategoryController@edit

)

**Step 4:** Make View files (Index, Create, Edit) and connect in controller

1. **Store data in laravel**

**Step 1.** Make create form with method post, action and csrf token.

**Step 2.** Make validation in the store method